

Amendments to the Specification:

Please amend paragraph of the Specification as follows:

21. Referring to Fig. 3, a block diagram of an AP according to an embodiment of the present invention is illustrated. The AP 300 communicates to the outside world via the Point Of Presence (POP). The backhaul 950 to the POP can utilize any type of technology, such as optical fiber, copper, or a wireless link. The Backhaul Interface 310 connects the outside world to the MV modem 320. The MV modem 320 modulates/demodulates the data so that it can be transmitted over the MV cable. The isolator 330 is used as an extra safety measure since the voltages present in the system are relatively high. A preferred isolator structure is based on opto-coupling. The MV coupler 340 is used to prevent the medium voltage power passing from the MV line to the rest of the AP's circuits 310,320, 330, while allowing the communications signal to pass to/from the AP 300 from/to the MV line.